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AUTO CALIBRATION AND PERSONALIZATION OF EYE TRACKING SYSTEM USING LARGER FIELD OF VIEW IMAGER WITH HIGHER RESOLUTION

5

ABSTRACT OF THE DISCLOSURE

In preferred embodiments, apparatus for and method of eye tracking, including, in

10 sequence, the steps of: viewing an entire face of a person to obtain predetermined facial features of the person to identify or not the said person; if the person is identified, retrieving a previously stored ocular profile of the person based on said predetermined facial features; using said ocular profile to track movement of an eye of said person. If the person is not identified, an ocular profile is created.

15